

Application Serial No.: 10/39,129

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Amendment dated: April 25, 2006

Response to Office Action dated January 27, 2006

**Amendments to the Claims:**

This listing of the claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) An isolated polynucleotide encoding a polypeptide, said polypeptide comprising a sequence of amino acid residues that is at least 90% identical to an amino acid sequence as shown in SEQ ID NO: 2 from residues 25 to residue 176 of SEQ ID NO:2.
2. (Currently Amended) The isolated polynucleotide according to claim 1, wherein said polypeptide comprises a sequence of amino acid residues that is 90% identical to an amino acid sequence as shown in SEQ ID NO:2 from residues 1 to residue 176 of SEQ ID NO:2.
3. Cancelled.
4. Cancelled.
5. (Withdrawn) An isolated polynucleotide comprising a sequence of nucleotides that encode a polypeptide as shown in SEQ ID NO:4 from residue 25 to residue 151.
6. (Withdrawn) The isolated polynucleotide according to claim 5, wherein said sequence of nucleotides encodes a polypeptide as shown in SEQ ID NO:4 from residue 1 to residue 151.
7. (Withdrawn) An isolated polynucleotide comprising a sequence of nucleotides that encode a polypeptide as shown in SEQ ID NO:13.
8. (Currently Amended) An isolated polynucleotide that encodes a polypeptide of the amino acid sequence set forth comprising a sequence of nucleotides that encode a polypeptide as shown in SEQ ID NO:26.

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9. (Withdrawn) An isolated polynucleotide comprising a sequence of nucleotides that encode a polypeptide as shown in SEQ ID NO: 19 from residue 25 to residue 176.
10. (Withdrawn) The isolated polynucleotide according to claim 9, wherein said sequence of nucleotides encodes a polypeptide as shown in SEQ ID NO:19 from residue 1 to residue 176.
11. (Withdrawn) An isolated polynucleotide comprising a sequence of nucleotides that encode a polypeptide as shown in SEQ ID NO:25.
12. (Withdrawn) An isolated polynucleotide comprising a sequence of nucleotides that encode a polypeptide as shown in SEQ ID NO: 34 from residue 25 to residue 154.
13. (Withdrawn) The isolated polynucleotide according to claim 12, wherein said sequence of nucleotides encodes a polypeptide as shown in SEQ ID NO:34 from residue 1 to residue 154.